

Converting Colors

`RYB(224, 209, 225)`

Have a look what the booklet for RYB(224, 209, 225) contains.

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Color

R_YB(224, 209, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1E1
RGB	224, 209, 225
RGB Percent	88%, 82%, 88%
CMY	0.1216, 0.1804, 0.1176
CMYK	0.00, 0.07, 0.00, 0.12
HSL	296°, 21%, 85%
HSV	296°, 7%, 88%
XYZ	67.1315, 66.8845, 80.6059
YIQ	215.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

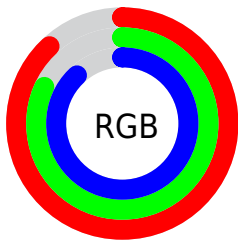
Format	Color
RYB	224, 209, 225
Decimal	14733793
CIELab	85.45, 8.01, -6.02
CIElCh	85, 10.023, 323.092
Yxy	66.8845, 0.3128, 0.3116
Android (android.graphics.Color)	4292923873 (0xFFE0D1E1)
YUV	215.3090, 4.7777, 7.6220
Hunter-Lab	81.7829, 3.4017, -1.1887

Details

The RYB color **224, 209, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 225, 224**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 155, 170** is the 20% darker color. If you saturate the color by 10%, you get **223, 187, 225**, and if you desaturate by 10%, it is **225, 232, 232**.

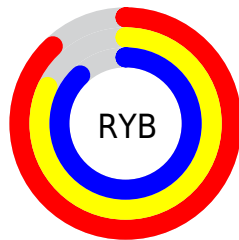
Distribution



Red (88%)

Green (82%)

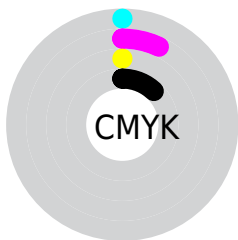
Blue (88%)



Red (88%)

Yellow (82%)

Blue (88%)

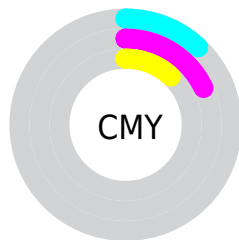


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 209, 225 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 224, 209, 225 by changing the saturation by 10% instead.

■ 224, 209, 225

255, 255, 255

■ 224, 209, 225

■ 196, 181, 197

■ 169, 155, 170

■ 142, 129, 143

■ 117, 104, 118

■ 92, 79, 93

■ 68, 57, 69


■ 46, 35, 47

■ 26, 14, 26


■ 0, 0, 0

 224, 209, 225


 224, 209, 225

 223, 187, 225

 225, 232, 232

 221, 164, 225

 225, 254, 252

 220, 141, 225

 225, 255, 252

 218, 119, 225

 225, 255, 250

 217, 97, 225

 225, 255, 249

 216, 74, 225


 225, 255, 248

 214, 51, 225

 225, 255, 246

 213, 29, 225

 225, 255, 245

 211, 6, 225

 225, 255, 243

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 212, 231



224, 209, 225



232, 207, 216

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 209, 225



215, 224, 195



190, 205, 221

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



224, 209, 225



209, 225, 224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



194, 209, 219



224, 209, 225



196, 215, 198

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 209, 225



231, 214, 199



202, 218, 218



193, 208, 228

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 209, 225



234, 207, 210



202, 218, 218



191, 206, 219

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



224, 209, 225



255, 250, 255



209, 210, 225



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 209, 225



254, 232, 255



225, 209, 218



111, 101, 112



165, 0, 176



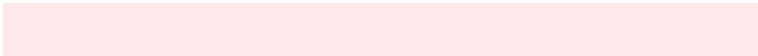
45, 0, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



225, 209, 210



255, 232, 233



209, 220, 225



112, 101, 102



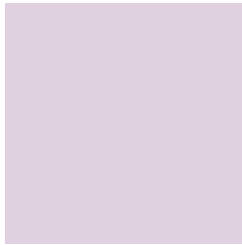
176, 0, 11



48, 0, 3

Previews

White Background



This preview shows how the RYB color 224, 209, 225 looks on a white background.

Color Contrast Check

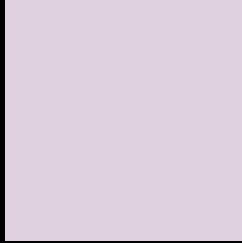
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 224, 209, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

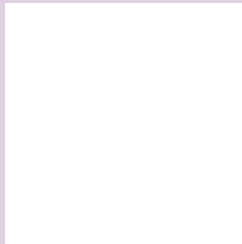
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 224, 209, 225 Background



This preview shows how black text looks on a background with the RYB color 224, 209, 225.



This preview shows how white text looks on a background with the RYB color 224, 209, 225.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

	Original Color 224, 209, 225
	Protanopia 213, 212, 227
	Deuteranopia 229, 207, 225



Tritanopia

224, 209, 225

Trichromacy



Original Color

224, 209, 225

Protanomaly

217, 211, 226

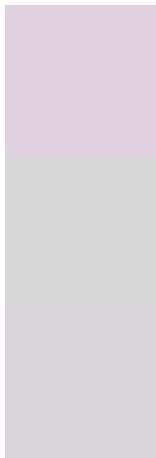
Deuteranomaly

227, 208, 225

Tritanomaly

224, 209, 225

Monochromacy



Original Color

224, 209, 225

Achromatopsia

215, 215, 215

Achromatomaly

218, 213, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 209, 225 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 225) }
```

Border

The CSS property to change the border of an element to RYB 224, 209, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 209, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 209, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 224, 209, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
209, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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